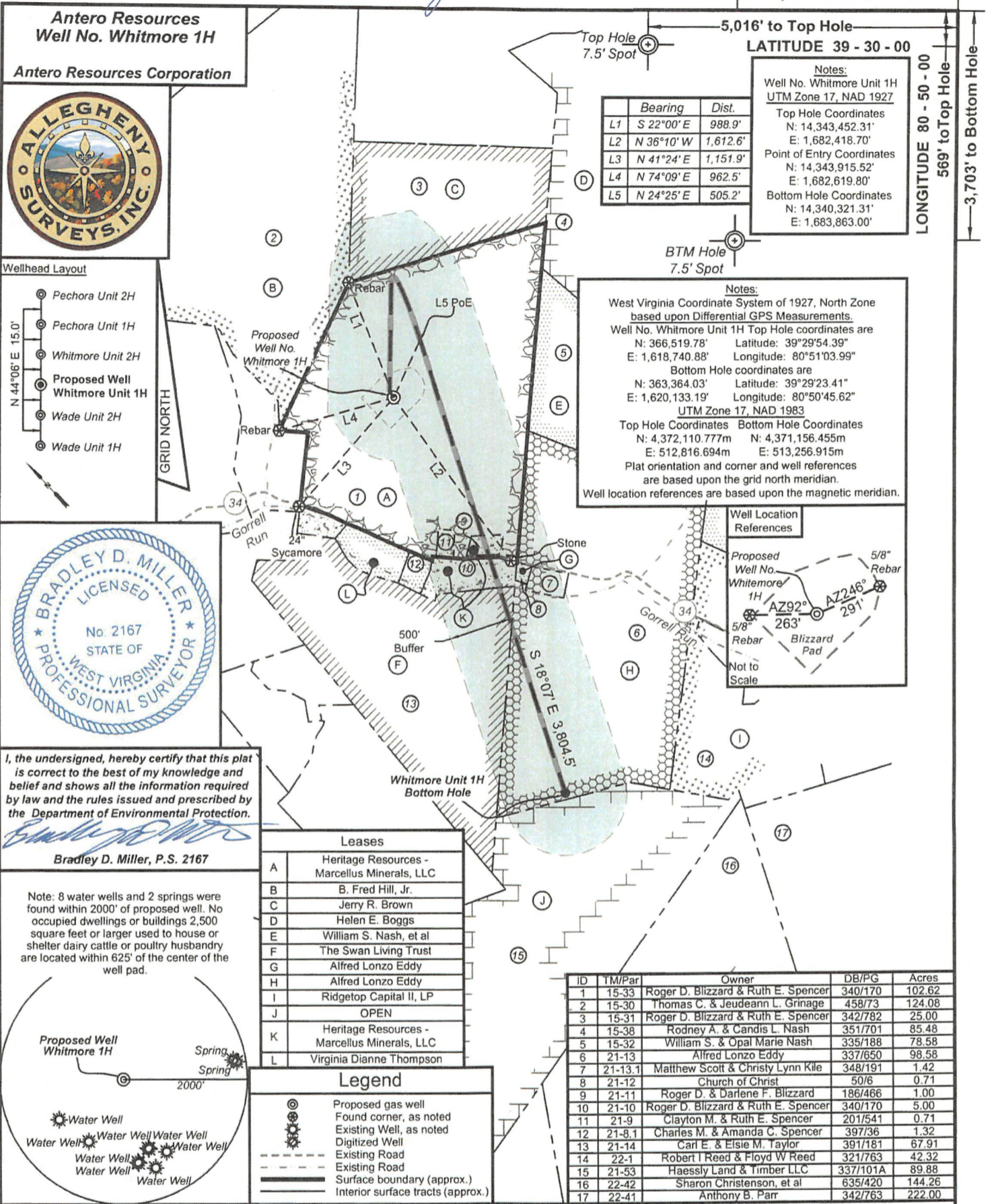
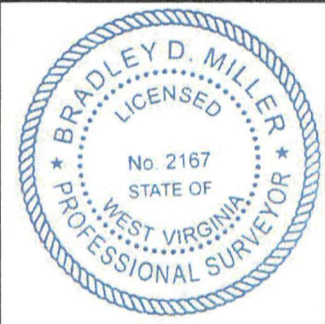
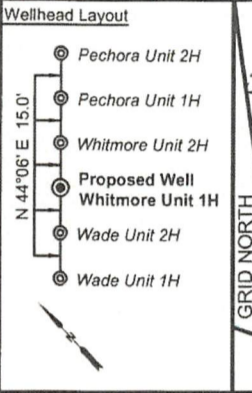


JCB 1/27/2021

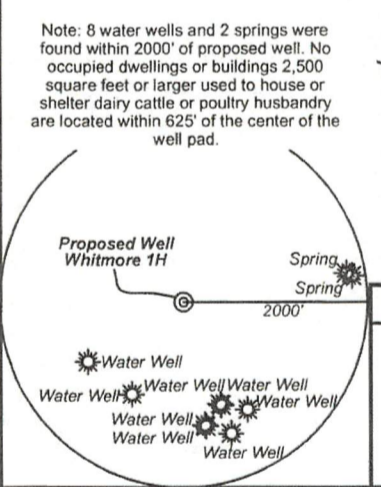


Antero Resources
Well No. Whitmore 1H
Antero Resources Corporation



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Bradley D. Miller, P.S. 2167



Leases
A Heritage Resources - Marcellus Minerals, LLC
B B. Fred Hill, Jr.
C Jerry R. Brown
D Helen E. Boggs
E William S. Nash, et al
F The Swan Living Trust
G Alfred Lonzo Eddy
H Alfred Lonzo Eddy
I Ridgetop Capital II, LP
J OPEN
K Heritage Resources - Marcellus Minerals, LLC
L Virginia Dianne Thompson

Legend
Proposed gas well
Found corner, as noted
Existing Well, as noted
Digitized Well
Existing Road
Existing Road
Surface boundary (approx.)
Interior surface tracts (approx.)

ID	TM/Par	Owner	DB/PG	Acres
1	15-33	Roger D. Blizzard & Ruth E. Spencer	340/170	102.62
2	15-30	Thomas C. & Jeudeann L. Grinage	458/73	124.08
3	15-31	Roger D. Blizzard & Ruth E. Spencer	342/782	25.00
4	15-38	Rodney A. & Candis L. Nash	351/701	85.48
5	15-32	William S. & Opal Marie Nash	335/188	78.58
6	21-13	Alfred Lonzo Eddy	337/650	98.58
7	21-13.1	Matthew Scott & Christy Lynn Kile	348/191	1.42
8	21-12	Church of Christ	50/6	0.71
9	21-11	Roger D. & Darlene F. Blizzard	186/466	1.00
10	21-10	Roger D. Blizzard & Ruth E. Spencer	340/170	5.00
11	21-9	Clayton M. & Ruth E. Spencer	201/541	0.71
12	21-8.1	Charles M. & Amanda C. Spencer	397/36	1.32
13	21-14	Carl E. & Elsie M. Taylor	391/181	67.91
14	22-1	Robert I Reed & Floyd W Reed	321/763	42.32
15	21-53	Haessly Land & Timber LLC	337/101A	89.88
16	22-42	Sharon Christenson, et al	635/420	144.26
17	22-41	Anthony B. Parr	342/763	222.00

FILE NO: 120-54-E-19
DRAWING NO: Whitmore 1H Well Plat
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: December 4 2020
OPERATOR'S WELL NO. Whitmore 1H
API WELL NO 464
47 - 095 - 02726
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: As-Built 1,004' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Shirley
DISTRICT: Ellsworth COUNTY: Tyler
SURFACE OWNER: Roger D. Blizzard & Ruth E. Spencer ACREAGE: 102.62

ROYALTY OWNER: Heritage Resources - Marcellus Minerals, LLC; The Swan Living Trust; Alfred Lonzo Eddy LEASE NO: _____ ACREAGE: 67.90625; 99.998

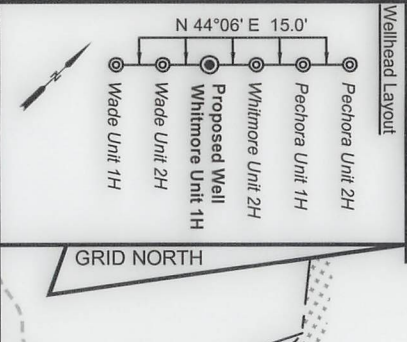
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 12,100' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313



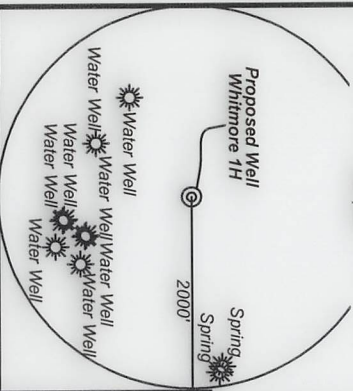
Antero Resources
Well No. Whitmore 1H
Antero Resources Corporation



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Bradley D. Miller, P.S. 2167

Note: 8 water wells and 2 springs were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



Leases	
A	Heritage Resources - Marcellus Minerals, LLC
B	B. Fred Hill, Jr.
C	Jerry R. Brown
D	Helen E. Boggs
E	William S. Nash, et al
F	The Swan Living Trust
G	Alfred Lonzo Eddy
H	Alfred Lonzo Eddy
I	Ridgetop Capital II, LP
J	OPEN
K	Heritage Resources - Marcellus Minerals, LLC
L	Virginia Dianne Thompson

Legend	
	Proposed gas well
	Found corner, as noted
	Digitized Well
	Existing Road
	Surface boundary (approx.)
	Interior surface tracts (approx.)

ID	TMI/Par	Owner	DB/P/G	Acres
1	15-33	Roger D. Blizzard & Ruth E. Spencer	340/170	102.62
2	15-30	Thomas C. & Jerudeann L. Grinnage	458/73	124.08
3	15-31	Roger D. Blizzard & Ruth E. Spencer	342/782	25.00
4	15-38	Rodney A. & Candis L. Nash	351/701	85.48
5	15-32	William S. & Opal Marie Nash	335/188	78.58
6	21-13	Alfred Lonzo Eddy	337/650	98.58
7	21-13-1	Matthew Scott & Christy Lynn Kile	348/191	1.42
8	21-12	Church of Christ	50/6	0.71
9	21-11	Roger D. & Berlene F. Blizzard	186/466	1.00
10	21-10	Roger D. Blizzard & Ruth E. Spencer	340/170	5.00
11	21-9	Clayton M. & Ruth E. Spencer	201/541	0.71
12	21-8-1	Charles W. & Amanda C. Spencer	397/36	1.32
13	21-14	Carl E. & Elsie M. Taylor	391/181	67.91
14	22-1	Robert I. Reed & Floyd W. Reed	321/763	42.32
15	21-83	Haessly Land & Timber LLC	337/101A	89.88
16	22-42	Sharon Christenson, et al	635/420	144.26
17	22-41	Anthony B. Parr	342/763	222.00

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: December 4 2020
OPERATORS WELL NO. Whitmore 1H
API WELL NO. **WV4**
STATE 47 COUNTY 095 PERMIT **02722**

FILE NO.: 120-54-E-19
DRAWING NO.: Whitmore 1H Well Plat
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY:
Submitter
PROVEN SOURCE OF ELEVATION:
WV DOT, Harrisville, WV

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: As-Built 1,004' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Shirley
DISTRICT: Ellsworth COUNTY: Tyler

ROYALTY OWNER: Roger D. Blizzard LEASE NO.:
SURFACE OWNER: & Ruth E. Spencer
Heritage Resources - Marcellus Minerals, LLC, The Swan Living Trust, Alfred Lonzo Eddy

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,500' TVD

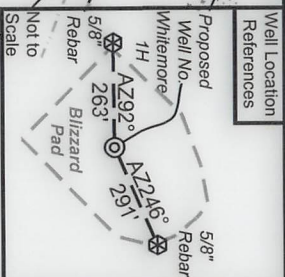
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road

Denver, CO 80202 Charleston, WV 25313

L1	Bearing	Dist.
L1	S 22°00' E	988.9'
L2	N 36°10' W	1,612.6'
L3	N 41°24' E	1,151.9'
L4	N 74°09' E	962.5'
L5	N 24°25' E	505.2'

Notes:
Well No. Whitmore Unit 1H
UTM Zone 17, NAD 1983
Top Hole Coordinates
N: 14,343,452.31'
E: 1,682,418.70'
Point of Entry Coordinates
N: 14,343,915.52'
E: 1,682,619.80'
Bottom Hole Coordinates
N: 14,340,321.31'
E: 1,683,863.00'

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Whitmore Unit 1H Top Hole coordinates are
N: 366,519.78' Latitude: 39°29'54.39"
E: 1,618,740.88' Longitude: 80°51'03.99"
Bottom Hole coordinates are
N: 363,364.03' Latitude: 39°29'23.41"
E: 1,620,133.15' Longitude: 80°50'45.62"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,372,110.777m N: 4,371,156.455m
E: 512,816.694m E: 513,256.915m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.



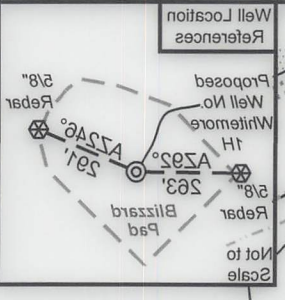
Top Hole 7.5' Spot
5,016' to Top Hole
LATITUDE 39 - 30 - 00
LONGITUDE 80 - 50 - 00
569' to Top Hole
3,703' to Bottom Hole
BTM Hole 7.5' Spot
3,577' to Bottom Hole

3,577' to Bottom Hole
 5,016' to Top Hole
 LATITUDE 39 - 30 - 00
 LONGITUDE 80 - 20 - 00
 3' 10.3' to Bottom Hole

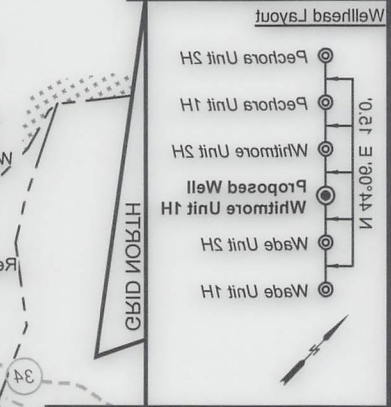
Notes:
 Well No. Whitmore Unit 1H
 UTM Zone 17 NAD 1983
 Top Hole Coordinates
 N: 14,343,452.31
 E: 1,682,418.70
 Point of Entry Coordinates
 N: 14,343,915.52
 E: 1,682,619.80
 Bottom Hole Coordinates
 N: 14,340,321.31
 E: 1,683,893.00

Dist.	Bearing
L1	S 22°00' E 988.9'
L2	N 36°10' W 1,612.6'
L3	N 41°24' E 1,151.9'
L4	N 74°09' E 962.5'
L5	N 24°25' E 502.2'

Notes:
 West Virginia Coordinate System of 1927, North Zone
 based upon Differential GPS Measurements
 Well No. Whitmore Unit 1H Top Hole coordinates are
 N: 366,519.78' Latitude: 39°29'24.39"
 E: 1,618,740.88' Longitude: 80°21'03.99"
 Bottom Hole coordinates are
 N: 363,364.03' Latitude: 39°29'23.41"
 E: 1,620,133.19' Longitude: 80°20'45.62"
 UTM Zone 17 NAD 1983
 Top Hole Coordinates
 Bottom Hole Coordinates
 N: 4,325,110.77m E: 513,256.915m
 N: 4,321,156.452m E: 512,816.694m
 Well location references are based upon the magnetic meridian.
 Plat orientation and corner and well references
 are based upon the grid north meridian.



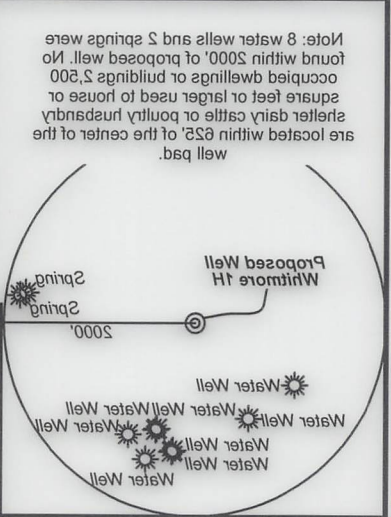
Antero Resources Corporation
 Well No. Whitmore 1H
 Antero Resources Corporation



BRADLEY D. MILLER
 LICENSED
 STATE OF WEST VIRGINIA
 PROFESSIONAL SURVEYOR
 No. 2167

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

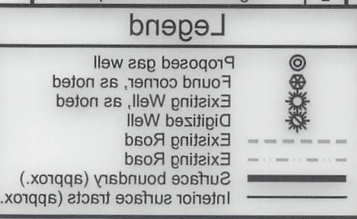
Bradley D. Miller, P.S. 2167



ID	TMPar	Owner	Acres
1	15-33	Roger D. Blizzard & Ruth E. Spencer	340170
2	15-30	Thomas C. & Leubann L. Ghinsage	48173
3	15-31	Roger D. Blizzard & Ruth E. Spencer	342182
4	15-38	Robney A. & Candis L. Nash	351701
5	15-32	William S. & Ogal Marie Nash	335188
6	21-13	Alfred Lonzo Eddy	337650
7	21-13.1	Matthew Scott & Chery Lynn Kile	348191
8	21-12	Church of Christ	506
9	21-11	Roger D. & Darlene F. Blizzard	186466
10	21-10	Roger D. Blizzard & Ruth E. Spencer	340170
11	21-9	Clayton M. & Ruth E. Spencer	201541
12	21-8.1	Charles M. & Amanda C. Spencer	30736
13	21-4	Carl E. & Elaine M. Taylor	307181
14	22-1	Robert Reed & Floyd W. Reed	327163
15	21-23	Hessley Land & Timber LLC	337101A
16	22-22	Sharon Christenson et al	638420
17	22-21	Anthony B. Parr	342163

Lesses

A	Heritage Resources - Marcellus Minerals, LLC
B	B. Fred Hill, Jr.
C	Jerry R. Brown
D	Helen E. Boggs
E	William S. Nash, et al
F	The Swan Living Trust
G	Alfred Lonzo Eddy
H	Alfred Lonzo Eddy
I	Ridgecap Capital II, LP
J	OPEN
K	Heritage Resources - Marcellus Minerals, LLC
L	Virginia Dianne Thompson



DATE: December 4 2020
 OPERATOR'S WELL NO. Whitmore 1H
 API WELL NO. 47
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OIL AND GAS DIVISION

FILE NO: 150-24-E-19
 DRAWING NO: Whitmore 1H Well Plat
 SCALE: 1" = 100'
 MINIMUM DEGREE OF ACCURACY:
 Submeter
 PROVEN SOURCE OF ELEVATION:
 WVDOT, Harrisville, WV

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: As-Built 1,004' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Shirley
 COUNTY: Tyler
 SURFACE OWNER: Roger D. Blizzard & Ruth E. Spencer DISTRICT: Ellsworth
 ROYALTY OWNER: Heritage Resources - Marcellus Minerals, LLC; The Swan Living Trust; Alfred Lonzo Eddy LEASE NO: ACREAGE: 102.62
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 12,100' MD
 PLUG AND ABANDON

WELL OPERATOR: Antero Resources Corporation
 ADDRESS: 1615 Wynkoop Street
 DENVER, CO 80202
 ADDRESS: 5400 D Big Tyler Road
 CHARLESTON, WV 25313
 DESIGNATED AGENT: Danna Stamber - CT Corporation System